

eMOLT

Summer 2012 Update

Probes, logsheet, and return labels enclosed in this mailing

Most of you have at least one ready-to-be-deployed temperature probe enclosed. Others, I assume already have a probe deployed. Along with a logsheet, you should also find some return mailing labels. So, if you store the envelope somewhere safe you can use it to mail back the probe at the end of the year. If you have any questions you can contact me anytime at james.manning@noaa.gov or call 508-495-2211 (office) or 508-566-4080 (cell). Please remember to document of latitude, longitude, and depth you deployed the probe and any movements away from your nominal site locations. If the probe is moved more than 5% from its nominal depth, we can not make accurate year-to-year comparisons. This year should be an interesting one. See the figure below.

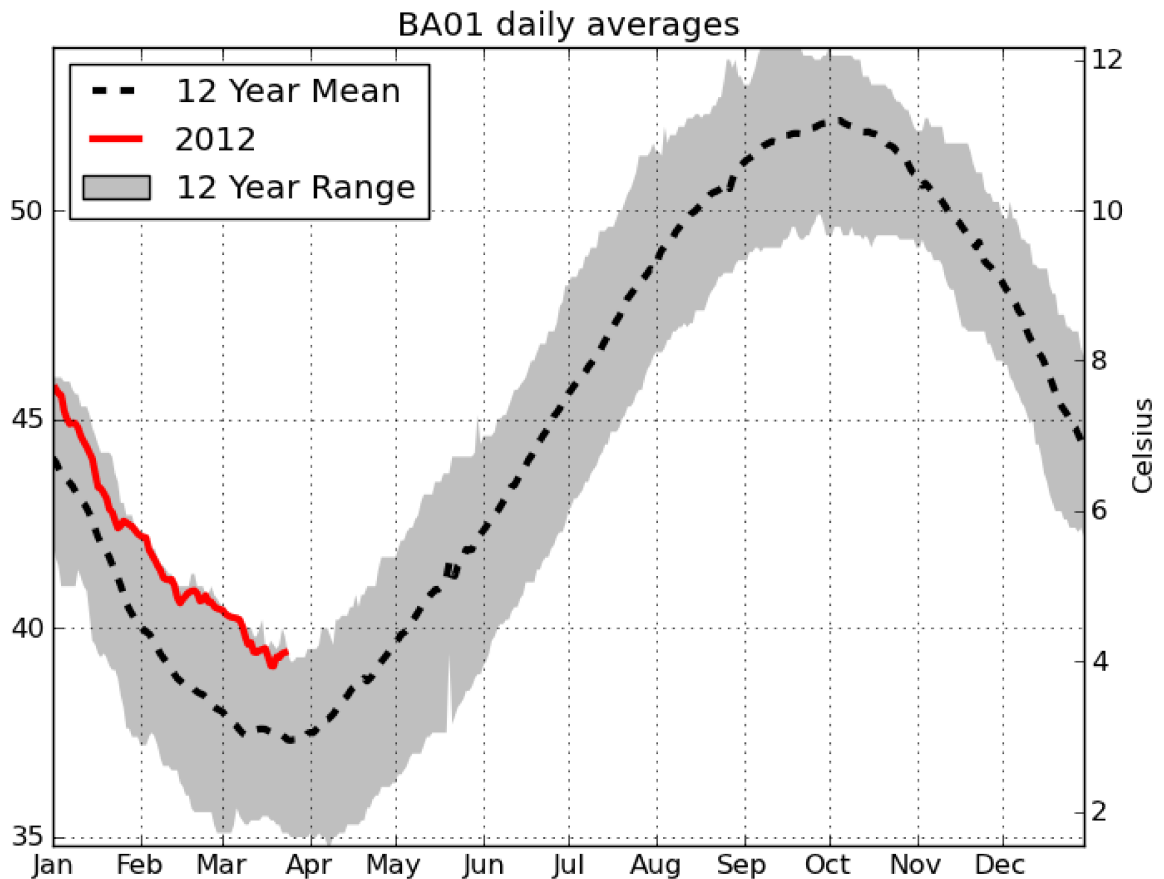


Figure 1. Billy Anderson's data from 42 fathoms off Lubec, Maine showing 2012 being the warmest yet.

Status of the current meter project

We are still receiving and processing the current meter records from 2011 and hope to be done this summer. You should see more plots of your data in the next mailing and linked from the emolt.org

website. Our proposal to add a internally-recording digital compass to the current meters has been accepted so we will be working with engineers this summer to have that developed. We do not want to bother you with current meters in 2012 but if you want to deploy one please let us know especially if you can keep them undisturbed for weeks at a time.

Status of the camera project

I will be working with a summer student this summer who is interested in helping with the lobcam project. He is more familiar with fancy cameras than I am and will be experimenting with a real time -lapse model. If you would like him to come on board your vessel for the day and deploy a camera on one of your traps, let me know. He MIGHT be able to travel locally.

Project plans for 2013

For the past few years, I have had a few students from China helping me with some new software that extracts various datasets from the Internet and compiles it according to users needs. Sometime between now and the 2013 forums, I would like to try this routine with a few fishermen. We will eventually set up a webform where you check off the information you generally like to see before you go fishing (wind, waves, tides, temperatures, etc) and a customized website is generated for you. In this way, you should only need to visit one site and have everything you need each morning on one printable page. In the meantime, if you send me the links you visit now, we can start working on it.

"Educational Passages" boats

Within the next few months, we will be tracking a different kind of drifter deployed by the folks at <http://educationalpassages.com>. We are partnering with them to look at the effect of wind and waves on surface drift and, at the same time, bring science and technology into the classroom. So, if you happen to come across one of these rigs pictured below, you know what they are and can follow their journeys at: <http://www.nefsc.noaa.gov/drifter> Some have sailed across the ocean.



Figure 2. Miniature unmanned sailboats to be deployed in the Gulf of Maine this summer by students and teachers involved with Dick Baldwin's "Educational Passages" (photo by Dick).